



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, February 07, 2017

Electricity

Storms Knock Out Power to Over 20,000 PG&E Customers in Northern California February 7

Pacific Gas & Electric (PG&E) on Tuesday reported strong storms knocked out power to at least 20,936 customers across Northern California beginning early Tuesday with impacts and outages recurring throughout the afternoon. The storm produced heavy rain and high winds with gusts over 50 mph. As of 4:00 p.m. EST on Tuesday, 20,476 customers remained without power.

<https://m.pge.com/#outages>

<http://kron4.com/2017/02/07/over-6k-without-power-amidst-bay-area-storm/>

<http://www.sfgate.com/news/article/Heavy-rain-intense-winds-cause-mayhem-in-Bay-Area-10914045.php>

Entergy Louisiana Reports Storms, Tornado Knock Out Power to Over 15,000 Customers after Restoring 18,000 Customers Due to Transmission Line Problem February 7

Strong thunderstorms producing hail and tornadoes knocked out power to at least 15,931 Entergy customers in New Orleans, Louisiana and surrounding areas on Monday afternoon. In addition, Entergy restored 18,000 customers within 2 hours overnight on Monday that lost service due to a problem with a transmission line that feeds into the Westwego substation, according to an Entergy spokesman. As of 3:30 p.m. EST on Tuesday, 15,502 customers remained without power.

http://www.etrviewoutage.com/external/la.aspx?_ga=1.147390455.1735310904.1483958171

<https://twitter.com/EntergyLA>

http://www.nola.com/traffic/index.ssf/2017/02/18000_without_power_on_the_wes.html

Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Reduced to 28 Percent by February 7

The unit was reduced from full power due to a seawater leak into the plant's condenser. An Entergy Pilgrim Station spokesman did not have an estimate of how much seawater leaked into the plant's condenser, but said repairs were underway.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

<https://twitter.com/TheRecorderNews/status/828987644747055104>

Update: Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Restarts, Ramps Up to 22 Percent by February 7

The unit shut from full power on February 4 due to equipment failure.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: AES's 175 MW Alamos Gas-fired Unit 1 in California Returns to Service by February 6

The unit returned from an unplanned outage that began on February 5.

<http://content.caiso.com/unitstatus/data/unitstatus201702061515.html>

Alta Wind's 168 MW Pinyon Pines Wind Unit 1 in California Shut by February 6

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201702061515.html>

Army Corp of Engineers to Grant Final Permit for Energy Transfer's 570,000 b/d Dakota Access Crude Oil Pipeline Route in North Dakota – Court Filing

The U.S. Army Corps of Engineers will grant the final easement needed by Energy Transfer Partners to complete the contested river crossing section of its Dakota Access crude oil pipeline project in North Dakota, according to a filing at the U.S. District Court in Washington D.C. on Tuesday. The permit will allow Energy Transfer to tunnel under the Lake Oahe reservoir along the Missouri River in order to install the last remaining segments of pipeline. In addition, the Corp of Engineers informed the chairs and ranking members of the House Natural Resources and Senate Energy and Natural Resources committees of their intent in a letter on Tuesday, and a memo from a senior official with the Corps' Civil Works department said there was no cause for completing any additional environmental analysis, in part because of previous assessments by the Corps in 2016. President Donald Trump on January 24 issued an executive order directing the Corps to finishing the pipeline. The Corp of Engineers previously said on January 18 that it would undertake further environmental review of the project. The 1,170-mile pipeline will ship crude oil from North Dakota's Bakken shale region to a supply and logistics hub in Patoka, Illinois, providing further connectivity to Gulf Coast refinery markets.

Reuters, 16:17 February 7, 2017

ExxonMobil Activates Preparedness Plan for Its 502,500 b/d Baton Rouge, Louisiana Refinery, Terminal Facilities Due to Severe Weather February 7

ExxonMobil on Tuesday afternoon activated weather preparedness plans for its Baton Rouge area refinery and terminal facilities in Louisiana due to potential threats posed by severe weather warnings. Exxon said it did not expect any impacts to operations, but continues to monitor the weather and has implemented safety measures in anticipation of potential impact on the area.

Reuters, 14:38 February 7, 2017

ExxonMobil Says Minimal Production Impact after Flaring at Its 560,500 b/d Baytown, Texas Refinery February 6

ExxonMobil Corp said there was minimal impact to production from a flaring incident at its Baytown, Texas refinery.

Reuters, 17:45 February 6, 2017

Flint Hills Shuts CCR at Its 295,630 b/d Corpus Christi, Texas Refinery February 7

Flint Hills Resources reported a cooling water leak from the continuous catalytic reformer (CCR) platformer exchangers resulted in emissions at the west plant of its Corpus Christi, Texas refinery on Tuesday, according to a filing with the Texas Commission on Environmental Quality. Flint Hills was in the process of shutting down the CCR unit, which should stop the leak and allow for repair of the exchangers.

Reuters, 11:45 February 7, 2017

Valero Reports Power Disruption at Its 293,000 b/d Corpus Christi, Texas Refinery February 6

Valero Energy Corp reported an upset at Complex 7 and 8Q at the east plant of its Corpus Christi, Texas refinery on Monday, according to a filing with the Texas Commission on Environmental Quality. The upset was caused by a power disruption that resulted in venting to the process flares. Valero said streams were routed to authorized control device to return to normal operations.

Reuters, 17:21 February 6, 2017

Update: Total Shuts FCCU Due to Pump Fire at Its 225,500 b/d Port Arthur, Texas Refinery February 7 – Sources

Total SA may restart the 76,000 b/d fluid catalytic cracking unit (FCCU) at its Port Arthur, Texas, refinery late on Tuesday, sources familiar with plant operations said. The FCCU was taken out of production on Tuesday morning after a fire broke out on a pump on the unit, the sources said. The unit was placed on circulation and not completely shut down following the fire. The fire was confined mainly to the pump where the fire broke out and was quickly extinguished, the sources said. No employees were injured due to the fire, a company spokeswoman said. Total reduced production throughout the Port Arthur refinery after the FCCU was taken out of production, the sources said. Refinery production is expected to ramp back up once the FCCU resumes normal operation. The cat cracker was placed on circulation, which keeps the unit circulating feedstock at operating temperature, and ready to resume production quickly.

Reuters, 11:06 February 7, 2017

Energy Transfer Adds Receipt Point for Texas, New Mexico Line February 7 – FERC Filing

Energy Transfer Partners will add a new receipt point, effective February 7, at the Brunson Central Tank Battery in Loving County, Texas, for its Texas and New Mexico crude gathering and transportation system, according to a Federal Energy Regulatory Commission (FERC) filing.

Reuters, 10:34 February 7, 2017

Shell Expects to Split Motiva Refinery Assets with Saudi Aramco in Second Quarter 2017

Shell Oil Co, the U.S. unit of Royal Dutch Shell Plc, said on Monday it expects to divide the refineries and other assets of the Motiva Enterprises joint venture with co-owner Saudi Aramco in the second quarter of 2017. Shell and Saudi Aramco said in March 2016 they would divide up the 20-year-old joint venture, which operates three refineries. Originally, the two companies targeted October 2016 for the split of assets, including pipelines and terminals as well as the refineries. Under the plan for the division of assets, Saudi Aramco will retain the Motiva name and the 603,000 b/d Port Arthur, Texas, refinery. Aramco would also take over 26 distribution terminals and hold an exclusive license to market the Shell brand for gasoline and diesel sales in Texas, the majority of the Mississippi River Valley, and the Southeast and Mid-Atlantic markets. Shell is slated to become sole owner of two Louisiana refineries with a combined capacity of 472,700 b/d and Shell-branded gasoline stations in Florida, Louisiana, and the U.S. Northeast.

<http://www.reuters.com/article/us-refineries-motiva-split-idUSKBN15L23P>

Natural Gas

Targa Reports AGC Shut Due to Third Party Power Outage at Its 150 MMcf/d Sand Hills Gas Plant in Texas February 6

Targa reported the acid gas compressor (AGC) shut due to the loss of third party purchased power. The AGC was returned to generator power as soon as possible.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=251832>

Enbridge Reports Utility Power Failure at Its Pittsburg Gas Plant in Texas February 6

Enbridge reported its Pittsburg gas plant experienced a utility power failure that resulted in a plant shutdown. The thermal oxidizer and flare were utilized to mitigate emissions and the equipment was brought back online.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=251871>

Other News

Nothing to report.

Iraq's Basra Oil Export Terminal to Suspend Loading for 24 Hours February 7

Iraq's main oil export terminal, near the southern city of Basra, will stop loading operations for 24 hours to install a new pipeline feeding the facility, two sources at state-run South Oil Company said. The suspension will begin at midnight on Tuesday, according to the sources. The terminal's loading capacity is estimated at around 1.8 million b/d. Offshore loadings from the three single-point moorings (SPMs) connected with the Basra terminal will not be affected, the sources said. Iraq exported a record 3.51 million b/d in December from its southern ports.

<http://www.dnaindia.com/money/report-iraq-s-basra-oil-export-terminal-to-stop-loading-for-24-hours-2314666>

Energy Prices

U.S. Oil and Gas Prices February 7, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.14	52.70	30.81
NATURAL GAS Henry Hub \$/Million Btu	2.92	3.20	2.05

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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